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Attorney Docket No.: 014939-004800US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On October 17, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Jennifer K. Hardin
Jennifer K. Hardin

O/c b/d
10/31/05
C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen E. Derenzo et al.

Application No.: 10/662,944

Filed: September 15, 2003

For: CODOPED DIRECT-GAP
SEMICONDUCTOR SCINTILLATORS

Customer No.: 20350

Confirmation No. 2024

Examiner: Carol M. Koslow

Technology Center/Art Unit: 1755

**AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE EXAMINING
GROUP 1755**

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed May 17, 2005 on the above-referenced application, please enter the following amendments and remarks. A petition for a two-month extension of time accompanies this response.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.